AUTHOR INDEX FOR VOLUME 44, 1992

AKAHORI, TAKAO A criterion for versality of deformations of tubular	
neighborhoods of strongly pseudo convex boundaries	225
ALDAZ, J. M. A characterization of universal Loeb measurability for com-	
pletely regular Hausdorff spaces	673
ALEXOPOULOS, G. A lower estimate for central probabilities on polycyclic	
groups	897
ALEXOPOULOS, G. An application of homogenization theory to harmonic analysis: Harnack inequalities and Riesz transforms on Lie groups of	
polynomial growth	691
ANCONA, VINCENZO AND BERNARD GAVEAU Differential forms and reso-	
lutions on certain analytic spaces II. Flat resolutions	728
ANDLER, MARTIN Bruhat order and transfer for complex reductive	
groups	911
BADERTSCHER, ERICH AND TOM H. KOORNWINDER Continuous Hahn poly-	
nomials of differential operator argument and analysis on Riemannian	
symmetric spaces of constant curvature	750
BAKER, B. M. AND D. E. HANDELMAN Positive polynomials and time de-	150
pendent integer-valued random variables	3
BARKWELL, LAWRENCE, PETER LANCASTER AND ALEXANDER S. MARKUS	-
Gyroscopically stabilized systems: a class of quadratic eigenvalue prob-	
lems with real spectrum	42
BARTON, SUSAN MAUREEN The real spectrum of higher level of a commu-	72
tative ring	449
BENNETT, GRAHAME Lower bounds for matrices, II	54
BHATIA, R. AND L. ELSNER Symmetries and variation of spectra	1155
BLECHER, DAVID P. Tensor products of operator spaces II	75
BORWEIN, J. M. AND A. S. LEWIS Decomposition of multivariate	,,,
functions	463
BURTON, R. M. AND A. R. DABROWSKI Positive dependence of exchange-	100
able sequences	774
and sequences	,,,
December 4 D. C. December D. M.	
DABROWSKI, A. R. See BURTON, R. M.	
DAVERMAN, R. J. AND D. REPOVŠ General position properties that charac-	200
terize 3-manifolds	234
DAY, ALAN Doubling constructions in lattice theory	252

DING, XIE PING AND KOK-KEONG TAN A set-valued generalization of Fan's best approximation theorem	784
DITZIAN, Z. AND D. JIANG Approximation of functions by polynomials in $C[-1,1]$	924
DUFFUS, D., V. RODL, N. SAUER AND R. WOODROW Coloring ordered sets to avoid monochromatic maximal chains	91
DUSZAK, ZBIGNIEW On the degree of an analytic map germ	270
ELSNER, L. See BHATIA, R.	
FARENICK, D. R. C*-convexity and matricial ranges	280
FARSI, CARLA AND NEIL WATLING Quartic algebras	1167
equations	1192
Fernique, Xavier See Ferland, René Fournier, Gilles See Violette, Donald	
GAUTHIER, P. M. Approximation by (pluri) subharmonic functions: fusion	
and localization GAVEAU, BERNARD See ANCONA, VINCENZO	941
GHOUSSOUB, N., B. MAUREY AND W. SCHACHERMAYER Slicings, selec-	
tions and their applications	483
GOODAIRE, EDGAR G. Six Moufang loops of units	951
GORKIN, PAMELA, KEIJI IZUCHI AND RAYMOND MORTINI Bourgain alge-	
bras of Douglas algebras GROSS, BENEDICT H. AND DIPENDRA PRASAD On the decomposition of a	797
representation of SO_n when restricted to SO_{n-1}	974
GROSSE-ERDMANN, KARL-GOSWIN The structure of the sequence spaces of	
Maddox GRZAŚLEWICZ, R., H. HUDZIK AND W. KURC Extreme and exposed points	298
in Orlicz spaces	505
Gu, Dangsheng Two-weight norm inequality and Carleson measure in	100
weighted Hardy spaces GUPTA, C. K., N. D. GUPTA AND V. A. ROMAN'KOV Primitivity in free	1206
groups and free metabelian groups	510
GUPTA, N. D. See GUPTA, C. K.	

AUTHOR INDEX	1341
HANDELMAN, D. E. See BAKER, B. M.	
HARRIS, JOHN C. On certain stable wedge summands of $B(\mathbb{Z}/p)_+^n$	104
HEMPEL, JOHN Homology of branched coverings of 3-manifolds HENGARTNER, WALTER AND JAN SZYNAL Univalent harmonic ring map-	119
pings vanishing on the interior boundary	308
HUDZIK, H. See GRZAŚLEWICZ, R.	
IZUCHI, KEIJI See GORKIN, PAMELA	
IZUCHI, KEIJI Analysis on sparse parts in the maximal ideal space of H^{∞} .	805
JACQUET, HERVÉ Relative Kloosterman integrals for GL(3): II JIANFU, YANG See NOUSSAIR, EZZAT S.	1220
JIANG, D. See DITZIAN, Z.	
KACZYNSKI, TOMASZ AND JIANHONG WU A topological transversality the-	
orem for multi-valued maps in locally convex spaces with applications to	1000
neutral equations	1003
stochastic differential equation on a space of generalized functionals KÁTAI, I. See KONINCK, J. M. DE	524
KONINCK, J. M. DE, I. KÁTAI AND A. MERCIER On the normal growth of prime factors of integers	1121
KOORNWINDER, TOM H. See BADERTSCHER, ERICH	
KURC, W. See GRZAŚLEWICZ, R.	
LANCASTER, PETER See BARKWELL, LAWRENCE	
Lanski, Charles Lie ideals and central identities with derivation Laubenbacher, Reinhard C. and Bruce A. Magurn SK_2 and K_3 of	553
dihedral groups	591
LIN, HUAXIN Skeleton C*-subalgebras	324
LOUBOUTIN, S., R. A. MOLLIN AND H. C. WILLIAMS Class numbers of real quadratic fields, continued fractions, reduced ideals, prime-producing	
quadratic polynomials and quadratic residue covers	824
lation and associated product integration rules on the real line: the L_1	
theory	561
the rational cohomology algebra of stunted complex projective space	1241

LYZZAIK, ABDALLAH Local properties of light harmonic mappings 13:	5
MAGURN, BRUCE A. See LAUBENBACHER, REINHARD C.	
MARKUS, ALEXANDER S. See BARKWELL, LAWRENCE	
MARSHALL, MURRAY The Pierce-Birkhoff conjecture for curves 126.	2
MAUREY, B. See GHOUSSOUB, N.	
MEKLER, ALAN, MATATYAHU RUBIN AND CHARLES STEINHORN Dedekind	
completeness and the algebraic complexity of o-minimal structures 84.	3
MERCIER, A. See KONINCK, J. M. DE	
MITOMA, ITARU See KALLIANPUR, GOPINATH	
MOHAR, BOJAN Combinatorial local planarity s and the width of graph	
embeddings 127	2
MOLLIN, R. A. See LOUBOUTIN, S.	
MORTINI, RAYMOND See GORKIN, PAMELA	
NOUSSAIR, EZZAT S., CHARLES A. SWANSON AND YANG JIANFU Positive	
finite energy solutions of critical semilinear elliptic problems	A
ninte energy solutions of critical seminical emptic problems	4
PAN, K. AND E. B. SAFF Best polynomial approximations with linear con-	
straints	9
PFAFFENBERGER, W. E. AND J. PHILLIPS Commutative Gelfand theory for	
real Banach algebras: representations as sections of bundles 34	2
PFEFFER, WASHEK F. AND BRIAN S. THOMSON Measures defined by gages 130	13
PHILLIPS, J. See PFAFFENBERGER, W. E.	
PRASAD, DIPENDRA See GROSS, BENEDICT H.	
RABINOWITZ, P. See LUBINSKY, D. S.	
REES, ROLF S. AND DOUGLAS R. STINSON Frames with block size four 103	10
REPOVŠ, D. See DAVERMAN, R. J.	
RODL, V. See DUFFUS, D.	
RÖDL, V. AND N. SAUER The Ramsey property for families of graphs	
which exclude a given graph	50
ROMAN'KOV, V. A. See GUPTA, C. K.	
RUBIN, MATATYAHU See MEKLER, ALAN	
RUDLOF, PETER On minimax and related modules	54
SAFF, E. B. See PAN, K.	
SAKAI, MAKOTO Continuations of Riemann surfaces	57

ATT	THOP	INDEX

710 11000 11 1000	10.0
SAUER, N. See DUFFUS, D.	
SAUER, N. See RÖDL, V.	
SAWYER, P. The heat equation on the spaces of positive definite	
matrices	624
SCHACHERMAYER, W. See GHOUSSOUB, N.	
SETTI, ALBERTO G. Gaussian estimates for the heat kernel of the weighted	
Laplacian and fractal measures	1061
SODHI, AMAR The conductor of points having the Hilbert function of a	
complete intersection in P ²	167
SPERA, MAURO A symplectic approach to Yang Mills theory for non com-	
mutative tori	368
SRIVASTAV, ANAND Extreme points of positive functionals and spectral	500
states on real Banach algebras	856
STEINHORN, CHARLES See MEKLER, ALAN	050
STEMBRIDGE, J. R. Some conjectures for immanants	1079
STINSON, DOUGLAS R. See REES, ROLF S.	1017
SUNADA, TOSHIKAZU Group C*-algebras and the spectrum of a periodic	
Schrödinger operator on a manifold	180
SWANSON, CHARLES A. See NOUSSAIR, EZZAT S.	100
SWARTTOUW, RENÉ F. An addition theorem and some product formulas for	
the Hahn-Exton q-Bessel functions	867
SZYNAL, JAN See HENGARTNER, WALTER	007
DETINE, FAR DE HENOAKINER, WALLER	
TAKAHASHI, WATARU Fixed point theorem and nonlinear ergodic theorem	
for nonexpansive semigroups without convexity	880
TAM, LAYING A Tauberian theorem for the general Euler-Borel summabil-	000
ity method	1100
TAN, KOK-KEONG See DING, XIE PING	1100
THOMSON, BRIAN S. See PFEFFER, WASHEK F.	
THOMSON, MAIN S. SECTIONER, WASHER I.	
ULBRICH, KH. On nonabelian H ² for profinite groups	388
UMBLE, RONALD See LUPTON, GREGORY	
VIOLETTE, DONALD AND GILLES FOURNIER Fixed point principles for	
cones of a Banach space for the multivalued maps differentiable at the	

origin and infinity

WANG, TI A stratification given by Artin-Rees estimates

WANG, XIAOLU A bivariant Chern character, II

888

194

400

WATLING, NEIL See FARSI, CARLA	
WILLIAMS, H. C. See LOUBOUTIN, S.	
WIŚNIEWSKI, JAROSŁAW A. On topological properties of some coverings. An addendum to a paper of Lanteri and Struppa	206
WONG, JAMES C. S. Fixed point theorems for measurable semigroups of	
operations	652
WOODROW, R. See DUFFUS, D.	
Wu, Jianhong See Kaczynski, Tomasz	
XI, CHANGCHANG The structure of Schur algebras $S_k(n,p)$ for $n \geq p \dots$	665
YAN, ZHIMIN A class of generalized hypergeometric functions in several variables	1317
ZEIDAN, VERA Local minimality of a Lipschitz extremal	436
THANG ONG Featings entropy and mild mixing	215

